

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#) [Quick Links](#)

>> Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **139** of **987604** documents.

A maximum of **139** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one in the text box. Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Intelligent ground probing radar***Bishop, A.; Feakes, K.L.; Pettitt, A.;*

Radar and Microwave Imaging, IEE Colloquium on , 16 Nov 1994

Page(s): 10/1 -10/6

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF****2 Vessel extraction techniques and algorithms: a survey***Kirbas, C.; Quek, F.K.H.;*

Bioinformatics and Bioengineering, 2003. Proceedings. Third IEEE Symposium on 10-12 March 2003

Page(s): 238 -245

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE CNF****3 Problems among managers of AI personnel***Couger, J.D.; McIntyre, S.C.;*

System Sciences, 1988. Vol.IV. Applications Track., Proceedings of the Twenty-Fifth Annual Hawaii International Conference on , Volume: 4 , 5-8 Jan. 1988

Page(s): 157 -161

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **IEEE CNF****4 What 36 Japanese AI managers spotted as differences between US and Japanese corporate AI programs***Greene, R.T.;*

Managing Expert System Programs and Projects, 1990. Proceedings., IEEE Conf

on , 10-12 Sept. 1990

Page(s): 25 -30

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE CNF**

5 Design of a mission management system for the autonomous underwater vehicle MARIUS

Bizingre, C.; Oliveira, P.; Pascoal, A.; Pereira, F.L.; Pignon, J.-P.; Silva, E.; Silve C.; de Sousa, J.B.;

Autonomous Underwater Vehicle Technology, 1994. AUV '94., Proceedings of the Symposium on , 19-20 July 1994

Page(s): 112 -121

[\[Abstract\]](#) [\[PDF Full-Text \(936 KB\)\]](#) **IEEE CNF**

6 Measurement and monitoring techniques for scale deposits in petroleum pipelines

Gunarathne, G.P.P.;

Instrumentation and Measurement Technology Conference, 1997. IMTC/97.

Proceedings. 'Sensing, Processing, Networking'. , IEEE , Volume: 2 , 19-21 May 1

Page(s): 841 -847 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(1452 KB\)\]](#) **IEEE CNF**

7 A survey of the application of AI in capacitor allocation and control

Ng, H.N.; Salama, M.M.A.; Chikhani, A.Y.;

Electrical and Computer Engineering, 1997. IEEE 1997 Canadian Conference on , Volume: 1 , 25-28 May 1997

Page(s): 161 -164 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**

8 A survey of genetic feature selection in mining issues

Martin-Bautista, M.J.; Vila, M.-A.;

Evolutionary Computation, 1999. CEC 99. Proceedings of the 1999 Congress on , Volume: 2 , 6-9 July 1999 -1321 Vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(744 KB\)\]](#) **IEEE CNF**

9 Knowledge-based approaches for scheduling problems: a survey

Noronha, S.J.; Sarma, V.V.S.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 3 Issue: 2 , Ju 1991

Page(s): 160 -171

[\[Abstract\]](#) [\[PDF Full-Text \(1340 KB\)\]](#) **IEEE JNL**

10 Learning in linear neural networks: a survey

Baldi, P.F.; Hornik, K.;

Neural Networks, IEEE Transactions on , Volume: 6 Issue: 4 , July 1995

Page(s): 837 -858

[\[Abstract\]](#) [\[PDF Full-Text \(2060 KB\)\]](#) **IEEE JNL**

11 The Internet, intranets, and the AI renaissance

O'Leary, D.E.;

Computer , Volume: 30 Issue: 1 , Jan. 1997

Page(s): 71 -78

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) **IEEE JNL**

12 What are ontologies, and why do we need them?

Chandrasekaran, B.; Josephson, J.R.; Benjamins, V.R.;

Intelligent Systems, IEEE [see also IEEE Expert] , Volume: 14 Issue: 1 , Jan.-Fe

Page(s): 20 -26

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) **IEEE JNL**

13 Seeing clearly and moving forward [artificial intelligence]

Laddaga, R.; Swinson, M.L.; Robertson, P.;

Intelligent Systems, IEEE [see also IEEE Expert] , Volume: 15 Issue: 6 , Nov.-De

Page(s): 46 -50

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE JNL**

14 Condition monitoring techniques for electrical equipment-a literature survey

Han, Y.; Song, Y.H.;

Power Delivery, IEEE Transactions on , Volume: 18 Issue: 1 , Jan 2003

Page(s): 4 -13

[\[Abstract\]](#) [\[PDF Full-Text \(547 KB\)\]](#) **IEEE JNL**

15 A survey of fault diagnosis technology [for space power systems]

Riedesel, J.;

Energy Conversion Engineering Conference, 1989. IECEC-89. Proceedings of the Intersociety , 6-11 Aug. 1989
Page(s): 183 -188 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) **IEEE CNF**

16 Using robots in an undergraduate artificial intelligence course: an experience report

Kumar, A.N.;

Frontiers in Education Conference, 2001. 31st Annual , Volume: 2 , 10-13 Oct. 2
Page(s): T4D -10-14 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(550 KB\)\]](#) **IEEE CNF**

17 Associative processors and memories: a survey

Grosspietsch, K.E.;

Micro, IEEE , Volume: 12 Issue: 3 , June 1992
Page(s): 12 -19

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) **IEEE JNL**

18 Current approaches to handling imperfect information in data and knowledge bases

Parsons, S.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 8 Issue: 3 , Ju 1996
Page(s): 353 -372

[\[Abstract\]](#) [\[PDF Full-Text \(2452 KB\)\]](#) **IEEE JNL**

19 Artificial intelligence and advanced mathematical tools for power quality applications: a survey

Anis Ibrahim, W.R.; Morcos, M.M.;

Power Delivery, IEEE Transactions on , Volume: 17 Issue: 2 , April 2002
Page(s): 668 -673

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) **IEEE JNL**

20 Neural network identification: a survey of gradient based methods

McLoone, S.;

Optimisation in Control: Methods and Applications (Ref. No. 1998/521), IEE Col on , 10 Nov. 1998
Page(s): 4/1 -4/4

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEE CNF](#)

21 Fuzzy learning based on variable structure control systems theory

Vepa, R.;

Two Decades of Fuzzy Control - Part 2, IEE Colloquium on , 1993

Page(s): 5/1 -5/4

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) [IEE CNF](#)

22 A survey of real-time AI systems

Rodd, M.G.; Verbruggen, H.B.;

Factory 2000, 1992. 'Competitive Performance Through Advanced Technology',
International Conference on (Conf. Publ. No. 359) , 27-29 Jul 1992

Page(s): 35 -40

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) [IEE CNF](#)

23 Robustness in quantitative model-based fault diagnosis

Patton, R.J.; Chen, J.;

Intelligent Fault Diagnosis - Part 2: Model-Based Techniques, IEE Colloquium on
Feb 1992

Page(s): 4/1 -417

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) [IEE CNF](#)

24 EMMY: an expert system for the prediction of strategic maintenance

Watson, I.D.; Brandon, P.S.; Basden, A.; Norman, M.;

Artificial Intelligence in Civil Engineering, IEE Colloquium on , 16 Jan 1992

Page(s): 7/1 -7/3

[\[Abstract\]](#) [\[PDF Full-Text \(132 KB\)\]](#) [IEE CNF](#)

25 Agents in the human-computer interface

Seel, N.R.;

Intelligent Agents, IEE Colloquium on , 25 Feb 1991

Page(s): 1/1 -1/5

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEE CNF](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) [Review](#)

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print FormatYour search matched **138** of **987604** documents.

A maximum of **138** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one in the text box. Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****26 The use of decision support systems in manufacturing management***Smith, P.; Fletcher, E.J.;*

Expert Planning Systems, 1991., First International Conference on , 27-29 Jun 1

Page(s): 33 -35

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEE CNF****27 Modal logics for AI planning***Dix, J.; Posegga, J.E.; Schmitt, P.H.;*

Expert Planning Systems, 1991., First International Conference on , 27-29 Jun 1

Page(s): 157 -162

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEE CNF****28 Data fusion technology forecast for C³MIS***Llinas, J.; Hall, D.L.; Waltz, E.;*Command, Control, Communications and Management Information Systems, 19
Third International Conference on , 2-4 May 1989

Page(s): 148 -158

[\[Abstract\]](#) [\[PDF Full-Text \(780 KB\)\]](#) **IEE CNF****29 Design rationale for software maintenance***Burge, J.E.; Brown, D.C.;*Automated Software Engineering, 2001. (ASE 2001). Proceedings. 16th Annual
International Conference on , 26-29 Nov. 2001

Page(s): 433

[\[Abstract\]](#) [\[PDF Full-Text \(207 KB\)\]](#) **IEEE CNF**

30 Magnetic Guidance of Autonomous Vehicles

Polvani, D.;

OCEANS , Volume: 18 , Sep 1986

Page(s): 1407 -1412

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) **IEEE CNF**

31 Magnetic guidance of autonomous vehicles (part 2)

Polvani, D.;

Unmanned Untethered Submersible Technology, Proceedings of the 1987 5th International Symposium on , Volume: 5 , Jun 1987

Page(s): 257 -264

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) **IEEE CNF**

32 On the theory of intelligent machines: a survey

Saridis, G.N.;

Decision and Control, 1988., Proceedings of the 27th IEEE Conference on , 7-9 D 1988

Page(s): 1799 -1804 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) **IEEE CNF**

33 Dam Gate Diagnosing Advisor-an expert system for steel structures

Terano, T.; *Sinohara, Y.;* *Matsui, S.;* *Nakamura, H.;*

Artificial Intelligence for Industrial Applications, 1988. IEEE AI '88., Proceedings International Workshop on , 25-27 May 1988

Page(s): 129 -134

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**

34 An exercise in high level language architecture design

Thazhuthaveetil, M.J.;

System Sciences, 1988. Vol.I. Architecture Track, Proceedings of the Twenty-Fir Annual Hawaii International Conference on , Volume: 1 , 5-8 Jan. 1988

Page(s): 50 -58

[\[Abstract\]](#) [\[PDF Full-Text \(636 KB\)\]](#) **IEEE CNF**

35 Two decades of applied Kolmogorov complexity: in memoriam Andrei

Nikolaevich Kolmogorov 1903-87*Li, M.; Vitanyi, P.M.B.;*

Structure in Complexity Theory Conference, 1988. Proceedings., Third Annual ,
June 1988

Page(s): 80 -101

[\[Abstract\]](#) [\[PDF Full-Text \(2204 KB\)\]](#) **IEEE CNF**

36 Evaluating advanced architectures for AI production systems*Duncan, R.;*

Aerospace and Electronics Conference, 1989. NAECON 1989., Proceedings of the
1989 National , 22-26 May 1989

Page(s): 69 -76 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) **IEEE CNF**

37 The management of uncertainty in commercial expert system building*Escamilla, T.D.; Simmons, D.B.; Ellis, N.C.;*

Tools for Artificial Intelligence, 1990., Proceedings of the 2nd International IEEE
Conference on , 6-9 Nov. 1990

Page(s): 471 -477

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) **IEEE CNF**

38 Artificial intelligence R&D: the ISS strategy*Motiwalla, J.; Heng, T.H.;*

Tools for Artificial Intelligence, 1990., Proceedings of the 2nd International IEEE
Conference on , 6-9 Nov. 1990

Page(s): 647 -650

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) **IEEE CNF**

39 Artificial neural networks in flight control and flight management sys*Burgin, G.H.; Schnetzler, S.S.;*

Aerospace and Electronics Conference, 1990. NAECON 1990., Proceedings of the
1990 National , 21-25 May 1990

Page(s): 567 -573 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE CNF**

40 AI solutions in support of global trading*Phelps, R.I.;*

Artificial Intelligence on Wall Street, 1991. Proceedings., First International Con
on , 9-11 Oct. 1991

Page(s): 109 -113

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

41 A combinatorial analysis of enumerative data structures for assembly planning

Wolter, J.D.;

Robotics and Automation, 1991. Proceedings., 1991 IEEE International Conference on, 9-11 April 1991

Page(s): 611 -618 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) **IEEE CNF**

42 Artificial intelligence for real-time monitoring and control

Schwuttke, U.M.;

Industrial Electronics, 1992., Proceedings of the IEEE International Symposium on, 25-29 May 1992

Page(s): 290 -294 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) **IEEE CNF**

43 A method of processing unknown attribute values by ID3

Brazdil, P.; Bruha, I.;

Computing and Information, 1992. Proceedings. ICCI '92., Fourth International Conference on, 28-30 May 1992

Page(s): 253 -256

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

44 Dynamic manipulation

Mason, M.T.; Lynch, K.M.;

Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEEE/RSJ International Conference on, Volume: 1, 26-30 July 1993

Page(s): 152 -159 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(828 KB\)\]](#) **IEEE CNF**

45 MERIT motifs

Thiel, U.; Kracker, M.; Stein, A.;

Tools with Artificial Intelligence, 1993. TAI '93. Proceedings. Fifth International Conference on, 8-11 Nov. 1993

Page(s): 482 -483

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE CNF**

46 From fuzzy logic to fuzzy truth-valued logic for expert systems: a sur
de Mantaras, R.L.; Godo, L.;
Fuzzy Systems, 1993., Second IEEE International Conference on , 28 March-1 A
1993
Page(s): 750 -755 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF**

47 From AMS design to realization: methods and tools
Popieul, J.-C.; Angue, J.-C.;
Industrial Electronics, Control, and Instrumentation, 1993. Proceedings of the IE
'93., International Conference on , 15-19 Nov. 1993
Page(s): 553 -558 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE CNF**

48 Artificial intelligence in telecommunications
Muller, C.; Magill, E.H.; Prosser, P.; Smith, D.G.;
Global Telecommunications Conference, 1993, including a Communications Theo
Mini-Conference. Technical Program Conference Record, IEEE in Houston. GLOB
'93., IEEE , 29 Nov.-2 Dec. 1993
Page(s): 883 -887 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) **IEEE CNF**

49 From aggregating by rules to the integration of expert systems in multicriteria DSSs
Pomerol, J.-Ch.;
Systems, Man and Cybernetics, 1993. 'Systems Engineering in the Service of Hu
Conference Proceedings., International Conference on , 17-20 Oct. 1993
Page(s): 483 -488 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(476 KB\)\]](#) **IEEE CNF**

50 Artificial neural networks-learning and generalization
Yih-Fang Huang;
Circuits and Systems, 1994. APCCAS '94., 1994 IEEE Asia-Pacific Conference on
Dec. 1994
Page(s): 162

[\[Abstract\]](#) [\[PDF Full-Text \(64 KB\)\]](#) **IEEE CNF**

[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Quick Links Review

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out


Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
 - ☐ Establish IEEE Web Account
 - ☐ Access the IEEE Member Digital Library
-  Print Format

Your search matched **138** of **987604** documents.

A maximum of **138** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text. Then click **Search Again**.

((survey)and (artificial intelligence))

Search Again

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

51 On the solution of layout problems in multiagent systems: a preliminary report

Stein, J.;

Artificial Intelligence for Applications, 1994., Proceedings of the Tenth Conference
1-4 March 1994

Page(s): 2 -8

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#) **IEEE CNF**

52 The complexity of learning with queries

Gavalda, R.;

Structure in Complexity Theory Conference, 1994., Proceedings of the Ninth Annual
June-1 July 1994

Page(s): 324 -337

[\[Abstract\]](#) [\[PDF Full-Text \(1012 KB\)\]](#) **IEEE CNF**

53 Genetic learning algorithms for fuzzy neural nets

Krishnamraju, P.V.; Buckley, J.J.; Reilly, K.D.; Hayashi, Y.;

Fuzzy Systems, 1994. IEEE World Congress on Computational Intelligence.,
Proceedings of the Third IEEE Conference on , 26-29 June 1994

Page(s): 1969 -1974 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE CNF**

54 Adaptive multiuser detection

Verdu, S.;

Spread Spectrum Techniques and Applications, 1994. IEEE ISSSTA '94., IEEE Th International Symposium on , 4-6 July 1994
Page(s): 43 -50 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**

55 A survey of learning results for ART1 networks

Heileman, G.L.; Georgiopoulos, M.; Juxin Hwang;

Neural Networks, 1994. IEEE World Congress on Computational Intelligence., 19 IEEE International Conference on , Volume: 2 , 27 June-2 July 1994

Page(s): 1222 -1225 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

56 Neural networks and evolutionary computation. Part II: hybrid appro in the neurosciences

Weiss, G.;

Evolutionary Computation, 1994. IEEE World Congress on Computational Intelli Proceedings of the First IEEE Conference on , 27-29 June 1994

Page(s): 273 -277 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) **IEEE CNF**

57 Identification and control of smart structures using neural networks: survey

Rao, V.; Damle, R.;

Decision and Control, 1994., Proceedings of the 33rd IEEE Conference on , Volum 14-16 Dec. 1994

Page(s): 91 -96 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) **IEEE CNF**

58 Similarities of LVQ and RBF learning-a survey of learning rules and th application to the classification of signals from high-resolution electrocardiography

Schwenker, F.; Kestler, H.A.; Palm, G.; Hoher, M.;

Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology'. IEEE International Conference on , Volume: 1 , 2-5 Oct. 1994

Page(s): 646 -651 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEEE CNF**

59 Learning linear threshold functions

Bylander, T.;

Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology'.
IEEE International Conference on , Volume: 2 , 2-5 Oct. 1994
Page(s): 1166 -1171 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(667 KB\)\]](#) **IEEE CNF**

60 Expert systems in UK banking

Shao, Y.P.; Wilson, A.; Oppenheim, C.;

Artificial Intelligence for Applications, 1995. Proceedings., 11th Conference on ,
Feb. 1995

Page(s): 18 -23

[\[Abstract\]](#) [\[PDF Full-Text \(524 KB\)\]](#) **IEEE CNF**

61 Transient stability of power system-a survey

Moechtar, M.; Cheng, T.C.; Hu, L.;

WESCON/'95. Conference record. 'Microelectronics Communications Technology
Producing Quality Products Mobile and Portable Power Emerging Technologies' ,
Nov. 1995

Page(s): 166

[\[Abstract\]](#) [\[PDF Full-Text \(628 KB\)\]](#) **IEEE CNF**

62 Geographical route planning based on uncertain knowledge

Suzuki, N.; Araki, D.; Higashide, A.; Suzuki, T.;

Tools with Artificial Intelligence, 1995. Proceedings., Seventh International Conf
on , 5-8 Nov. 1995

Page(s): 434 -441

[\[Abstract\]](#) [\[PDF Full-Text \(904 KB\)\]](#) **IEEE CNF**

63 Neuro-dynamic programming: an overview

Bertsekas, D.P.; Tsitsiklis, J.N.;

Decision and Control, 1995., Proceedings of the 34th IEEE Conference on , Volum
13-15 Dec. 1995

Page(s): 560 -564 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) **IEEE CNF**

64 Substation automation using ART 1 based neural network

Vijayakumar, R.; Pius, T.I.; Harishankar;

Industrial Automation and Control, 1995 (I A & C'95), IEEE/IAS International
Conference on (Cat. No.95TH8005) , 5-7 Jan. 1995

Page(s): 323 -328

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

**65 May document analysis tools bridge the gap between paper and work
A critical survey**

Baumann, S.; Malburg, M.; Wenzel, C.;

Cooperative Information Systems, 1996. Proceedings., First IFCIS International Conference on , 19-21 June 1996

Page(s): 135 -142

[\[Abstract\]](#) [\[PDF Full-Text \(720 KB\)\]](#) **IEEE CNF**

66 Evolutionary robotics-an overview

Gomi, T.; Griffith, A.;

Evolutionary Computation, 1996., Proceedings of IEEE International Conference 20-22 May 1996

Page(s): 40 -49

[\[Abstract\]](#) [\[PDF Full-Text \(1088 KB\)\]](#) **IEEE CNF**

67 Toward a new type of Language for Electronic Commerce

Covington, M.A.;

System Sciences, 1996., Proceedings of the Twenty-Ninth Hawaii International Conference on , Volume: 4 , 3-6 Jan. 1996

Page(s): 329 -336 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) **IEEE CNF**

68 Computers are not omnipotent

Harel, D.;

Frontiers in Education Conference, 1997. 27th Annual Conference. 'Teaching and Learning in an Era of Change'. Proceedings. , Volume: 2 , 5-8 Nov. 1997

Page(s): 581 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(44 KB\)\]](#) **IEEE CNF**

69 The use of artificial intelligence in military simulations

Campbell, L.; Lotmin, A.; DeRico, M.M.G.; Ray, C.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulati 1997 IEEE International Conference on , Volume: 3 , 12-15 Oct. 1997

Page(s): 2607 -2612 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) **IEEE CNF**

70 Summary and applicability of analog fault detection/isolation techniq

Molnar, J.A.;

AUTOTESTCON '97. 1997 IEEE Autotestcon Proceedings , 22-25 Sept. 1997

Page(s): 383 -389

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) **IEEE CNF**

71 A position paper on statistical inference techniques which integrate n network and Bayesian network models

Hsu, W.H.;

Neural Networks,1997., International Conference on , Volume: 3 , 9-12 June 19

Page(s): 1972 -1977 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) **IEEE CNF**

72 Rule extraction from trained artificial neural network with functional dependency preprocessing

Geva, S.; Wong, M.T.; Orlowski, M.;

Knowledge-Based Intelligent Electronic Systems, 1997. KES '97. Proceedings., 1 First International Conference on , Volume: 2 , 21-23 May 1997

Page(s): 559 -564 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) **IEEE CNF**

73 Similarity detection among data files-a machine learning approach

Dash, M.; Liu, H.;

Knowledge and Data Engineering Exchange Workshop, 1997. Proceedings , 4 No

Page(s): 172 -179

[\[Abstract\]](#) [\[PDF Full-Text \(556 KB\)\]](#) **IEEE CNF**

74 History and recent trends in soft computing: research and application aspects in Japan

Hirota, K.;

Intelligent Engineering Systems, 1997. INES '97. Proceedings., 1997 IEEE Inter Conference on , 15-17 Sept. 1997

Page(s): 31 -37

[\[Abstract\]](#) [\[PDF Full-Text \(628 KB\)\]](#) **IEEE CNF**

75 Training linear neural network with early stopped learning and ridge estimation

Vigneron, V.; Barret, C.;

Neural Networks, 1998. Proceedings. Vth Brazilian Symposium on , 9-11 Dec. 1

Page(s): 14 -19

[\[Abstract\]](#) [\[PDF Full-Text \(1100 KB\)\]](#) **IEEE CNF**

[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) [Review](#)

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print FormatYour search matched **139** of **987604** documents.

A maximum of **139** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text. Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

76 Training linear neural network with early stopped learning and ridge estimation*Vigneron, V.; Barret, C.;*Neural Networks, 1998. Proceedings. Vth Brazilian Symposium on , 9-11 Dec. 1
Page(s): 14 -19[\[Abstract\]](#) [\[PDF Full-Text \(1100 KB\)\]](#) **IEEE CNF**

77 Design issues of fuzzy logic programming languages*Marquez, P.;*Fuzzy Information Processing Society - NAFIPS, 1998 Conference of the North A
, 20-21 Aug. 1998
Page(s): 271 -275[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) **IEEE CNF**

78 Multiconstraint task scheduling in multi-processor system by neural network*Ruey-Maw Chen; Yueh-Min Huang;*Tools with Artificial Intelligence, 1998. Proceedings. Tenth IEEE International
Conference on , 10-12 Nov. 1998
Page(s): 288 -294[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) **IEEE CNF**

79 Virtual worlds using computer vision*Narayanan, P.J.; Kanade, T.;*

Computer Vision for Virtual Reality Based Human Communications, 1998. Proce
1998 IEEE and ATR Workshop on , 3 Jan. 1998
Page(s): 2 -13

[\[Abstract\]](#) [\[PDF Full-Text \(916 KB\)\]](#) **IEEE CNF**

80 Combinations of evolutionary algorithms and fuzzy systems: a survey
Yuhui Shi;
Fuzzy Information Processing Society, 1999. NAFIPS. 18th International Confere
the North American , 10-12 June 1999
Page(s): 610 -614

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) **IEEE CNF**

81 Generation of qualitative descriptions of complex objects
Ruspini, E.H.;
Fuzzy Systems Conference Proceedings, 1999. FUZZ-IEEE '99. 1999 IEEE Intern
, Volume: 1 , 22-25 Aug. 1999
Page(s): 222 -227 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) **IEEE CNF**

82 Non-verbal interaction for Kansei communication
Inokuchi, S.;
Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1
IEEE International Conference on , Volume: 4 , 12-15 Oct. 1999
Page(s): 311 -316 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(612 KB\)\]](#) **IEEE CNF**

83 Electric power systems load forecasting: a survey
Lotufo, A.D.P.; Minussi, C.R.;
Electric Power Engineering, 1999. PowerTech Budapest 99. International Confer
, 29 Aug.-2 Sept. 1999
Page(s): 36

[\[Abstract\]](#) [\[PDF Full-Text \(72 KB\)\]](#) **IEEE CNF**

84 A survey on supervised learning by evolving multi-layer perceptrons
Ribert, A.; Stocker, E.; Lecourtier, Y.; Ennaji, A.;
Computational Intelligence and Multimedia Applications, 1999. ICCIMA '99.
Proceedings. Third International Conference on , 23-26 Sept. 1999
Page(s): 122 -126

[\[Abstract\]](#) [\[PDF Full-Text \(24 KB\)\]](#) **IEEE CNF**

85 On workflow and agent technologies on the Internet/intranet

Geng-Sheng Kuo; Cheng, H.Y.;

Global Telecommunications Conference, 1999. GLOBECOM '99 , Volume: 3 , 199

Page(s): 1937 -1941 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(556 KB\)\]](#) **IEEE CNF**

86 Neuroadaptive robots

Torras, C.;

Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volu
3-7 Sept 2000

Page(s): 172 -177 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(524 KB\)\]](#) **IEEE CNF**

87 Structure optimization strategy of neural networks - research on the pruning algorithm

Zhang Meng; Xu YongMao;

Intelligent Control and Automation, 2000. Proceedings of the 3rd World Congres
Volume: 2 , 28 June-2 July 2000

Page(s): 877 -881 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) **IEEE CNF**

88 Intelligent system for automated fish sorting and counting

Cadieux, S.; Michaud, F.; Lalonde, F.;

Intelligent Robots and Systems, 2000. (IROS 2000). Proceedings. 2000 IEEE/RS
International Conference on , Volume: 2 , 31 Oct.-5 Nov. 2000

Page(s): 1279 -1284 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE CNF**

89 Design of an automated data entry system for hand-filled forms

Lin Woan Ning; Yap Keem Siah; Khalid, M.; Yusof, M.;

TENCON 2000. Proceedings , Volume: 1 , 24-27 Sept. 2000

Page(s): 162 -166 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) **IEEE CNF**

90 Development of emotional communication robot:

WAMOEBA-2R-experimental evaluation of the emotional communication

between robots and humans

Ogata, T.; Matsuyama, Y.; Komiya, T.; Ida, M.; Noda, K.; Sugano, S.;
Intelligent Robots and Systems, 2000. (IROS 2000). Proceedings. 2000 IEEE/RS
International Conference on , Volume: 1 , 31 Oct.-5 Nov. 2000
Page(s): 175 -180 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE CNF**

91 Genetic algorithms for feature selection and weighting, a review and
Hussein, F.; Kharma, N.; Ward, R.;

Document Analysis and Recognition, 2001. Proceedings. Sixth International Con
on , 10-13 Sept. 2001

Page(s): 1240 -1244

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**

92 Kernel-based similarity learning

Long-Bin Chen; Yan-Ni Wang; Bao-Gang Hu;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Confe
on , Volume: 4 , 4-5 Nov. 2002

Page(s): 2152 -2156 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(402 KB\)\]](#) **IEEE CNF**

93 The real world virtual models

Sholomitskij, A.A.; Dzhura, S.G.;

Artificial Intelligence Systems, 2002. (ICAIS 2002). 2002 IEEE International Con
on , 5-10 Sept. 2002

Page(s): 260 -264

[\[Abstract\]](#) [\[PDF Full-Text \(548 KB\)\]](#) **IEEE CNF**

94 Monadic queries over tree-structured data

Gottlob, G.; Koch, C.;

Logic in Computer Science, 2002. Proceedings. 17th Annual IEEE Symposium on
22-25 July 2002

Page(s): 189 -202

[\[Abstract\]](#) [\[PDF Full-Text \(383 KB\)\]](#) **IEEE CNF**

95 Adaptive features of machine learning methods

Berka, P.;

Intelligent Systems, 2002. Proceedings. 2002 First International IEEE Symposiu
Volume: 2 , 10-12 Sept. 2002

Page(s): 40 -43 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(539 KB\)\]](#) **IEEE CNF**

96 The application of the distributed genetic algorithm to the decision of packing in containers problem

Litvinenko, V.I.; Burgher, J.A.; Tkachuk, A.A.; Gnatjuk, V.J.;

Artificial Intelligence Systems, 2002. (ICAIS 2002). 2002 IEEE International Conference on , 5-10 Sept. 2002

Page(s): 386 -390

[\[Abstract\]](#) [\[PDF Full-Text \(271 KB\)\]](#) **IEEE CNF**

97 Computer diagnostics system of children's health condition in early a

Berestneva, O.G.; Gerget, O.M.;

Artificial Intelligence Systems, 2002. (ICAIS 2002). 2002 IEEE International Conference on , 5-10 Sept. 2002

Page(s): 120 -121

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) **IEEE CNF**

98 Cortical development and learning during vision, recognition, and act
Grossberg, S.;

Development and Learning, 2002. Proceedings. The 2nd International Conference 12-15 June 2002

Page(s): 3 -4

[\[Abstract\]](#) [\[PDF Full-Text \(199 KB\)\]](#) **IEEE CNF**

99 A study of the relationship between support vector machine and Gabr graph

Wan Zhang; Irwin King;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joint Conference on , Volume: 1 , 12-17 May 2002

Page(s): 239 -244

[\[Abstract\]](#) [\[PDF Full-Text \(445 KB\)\]](#) **IEEE CNF**

100 Coloured Petri nets approach for solving distribution system conting by considering customer load patterns

Chen, C.-S.; Ke, Y.-L.; Wu, J.-S.;

Generation, Transmission and Distribution, IEE Proceedings- , Volume: 148 Issue Sept. 2001

Page(s): 463 -470

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) **IEE JNL**

[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5Welcome
United States Patent and Trademark Of[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) [Review](#)» [Sea](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 [Print Format](#)Your search matched **139** of **987604** documents.

A maximum of **139** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text. Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****101 Cooperative information-gathering: a distributed problem-solving approach***Oates, T.; Nagendra Prasad, M.V.; Lesser, V.R.;*

Software Engineering. IEE Proceedings- [see also Software, IEE Proceedings] , V 144 Issue: 1 , Feb. 1997

Page(s): 72 -88

[\[Abstract\]](#) [\[PDF Full-Text \(2216 KB\)\]](#) **IEEE JNL****102 Inversion of feedforward neural networks: algorithms and applicatio***Jensen, C.A.; Reed, R.D.; Marks, R.J., II; El-Sharkawi, M.A.; Jae-Byung Jung; Miyamoto, R.T.; Anderson, G.M.; Eggen, C.J.;*

Proceedings of the IEEE , Volume: 87 Issue: 9 , Sept. 1999

Page(s): 1536 -1549

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE JNL****103 Autonomous vehicles***Meyrowitz, A.L.; Blidberg, D.R.; Michelson, R.C.;*

Proceedings of the IEEE , Volume: 84 Issue: 8 , Aug. 1996

Page(s): 1147 -1164

[\[Abstract\]](#) [\[PDF Full-Text \(3380 KB\)\]](#) **IEEE JNL****104 Applications of fuzzy sets and approximate reasoning***Schwartz, D.G.; Klir, G.J.; Lewis, H.W., III; Ezawa, Y.;*

Proceedings of the IEEE , Volume: 82 Issue: 4 , April 1994

Page(s): 482 -498

[\[Abstract\]](#) [\[PDF Full-Text \(1656 KB\)\]](#) **IEEE JNL**

105 Review of 'Adaptive Information Processing: An Introductory Survey (Sampson, J. R.; 1976)

van Emden, M.;

Information Theory, IEEE Transactions on , Volume: 24 Issue: 1 , Jan 1978

Page(s): 131 -132

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE JNL**

106 Trends in cooperative distributed problem solving

Durfee, E.H.; Lesser, V.R.; Corkill, D.D.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 1 Issue: 1 , M 1989

Page(s): 63 -83

[\[Abstract\]](#) [\[PDF Full-Text \(2400 KB\)\]](#) **IEEE JNL**

107 A survey on the design of multiprocessing systems for artificial intel applications

Wah, B.W.; Li, G.J.;

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 19 Issue: 4 , Jul 1989

Page(s): 667 -692

[\[Abstract\]](#) [\[PDF Full-Text \(3024 KB\)\]](#) **IEEE JNL**

108 The role of artificial intelligence in understanding the strategic decision-making process

Spangler, W.E.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 3 Issue: 2 , Ju 1991

Page(s): 149 -159

[\[Abstract\]](#) [\[PDF Full-Text \(1164 KB\)\]](#) **IEEE JNL**

109 Artificial intelligence and financial services

Pau, L.F.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 3 Issue: 2 , Ju 1991

Page(s): 137 -148

[\[Abstract\]](#) [\[PDF Full-Text \(1036 KB\)\]](#) **IEEE JNL**

110 Analog VLSI neural networks: implementation issues and examples optimization and supervised learning

Eberhardt, S.P.; Tawel, R.; Brown, T.X.; Daud, T.; Thakoor, A.P.;

Industrial Electronics, IEEE Transactions on , Volume: 39 Issue: 6 , Dec. 1992

Page(s): 552 -564

[\[Abstract\]](#) [\[PDF Full-Text \(1372 KB\)\]](#) **IEEE JNL**

111 Theory and applications of neural networks for industrial control sys

Fukuda, T.; Shibata, T.;

Industrial Electronics, IEEE Transactions on , Volume: 39 Issue: 6 , Dec. 1992

Page(s): 472 -489

[\[Abstract\]](#) [\[PDF Full-Text \(1620 KB\)\]](#) **IEEE JNL**

112 Artificial intelligence in electric power systems: a survey of the Japa industry

Rahman, S.;

Power Systems, IEEE Transactions on , Volume: 8 Issue: 3 , Aug. 1993

Page(s): 1211 -1218

[\[Abstract\]](#) [\[PDF Full-Text \(812 KB\)\]](#) **IEEE JNL**

113 Pattern recognition and Valiant's learning framework

Saitta, L.; Bergadano, F.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 15 Is Feb. 1993

Page(s): 145 -155

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) **IEEE JNL**

114 Pruning algorithms-a survey

Reed, R.;

Neural Networks, IEEE Transactions on , Volume: 4 Issue: 5 , Sept. 1993

Page(s): 740 -747

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) **IEEE JNL**

115 A new graduate course on neural networks

Braham, R.;

Education, IEEE Transactions on , Volume: 37 Issue: 3 , Aug. 1994

Page(s): 277 -280

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) **IEEE JNL**

116 Issue trees: a tool to aid the engineering writer

Temple Dennett, J.; Hseih, M.;

Professional Communication, IEEE Transactions on , Volume: 37 Issue: 2 , June

Page(s): 88 -96

[\[Abstract\]](#) [\[PDF Full-Text \(752 KB\)\]](#) **IEEE JNL**

117 A review of machine learning in scheduling

Aytug, H.; Bhattacharyya, S.; Koehler, G.J.; Snowdon, J.L.;

Engineering Management, IEEE Transactions on , Volume: 41 Issue: 2 , May 199

Page(s): 165 -171

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) **IEEE JNL**

118 Introduction to the cluster on "machine learning approaches scheduling"

Erenguc, S.S.;

Engineering Management, IEEE Transactions on , Volume: 41 Issue: 2 , May 199

Page(s): 107

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) **IEEE JNL**

119 Representing, analyzing, and synthesizing biochemical pathways

Karp, P.D.; Mavrovouniotis, M.L.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 9 Issue: 2 , April 199

Page(s): 11 -21

[\[Abstract\]](#) [\[PDF Full-Text \(1504 KB\)\]](#) **IEEE JNL**

120 Machine learning approaches to gene recognition

Craven, M.W.; Shavlik, J.W.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 9 Issue: 2 , April 199

Page(s): 2 -10

[\[Abstract\]](#) [\[PDF Full-Text \(1060 KB\)\]](#) **IEEE JNL**

121 A survey of sensor planning in computer vision

Tarabanis, K.A.; Allen, P.K.; Tsai, R.Y.;

Robotics and Automation, IEEE Transactions on , Volume: 11 Issue: 1 , Feb. 199

Page(s): 86 -104

[\[Abstract\]](#) [\[PDF Full-Text \(2020 KB\)\]](#) **IEEE JNL**

122 Description logics in data management

Borgida, A.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 7 Issue: 5 , O
1995

Page(s): 671 -682

[\[Abstract\]](#) [\[PDF Full-Text \(1176 KB\)\]](#) **IEEE JNL**

123 US Commerce Department assesses the US artificial intelligence sect

Charles, J.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 10 Issue: 1 , Feb. 19
Page(s): 70 -72

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) **IEEE JNL**

124 Hybrid connectionist systems in research and teaching

Jain, L.C.;

Aerospace and Electronic Systems Magazine, IEEE , Volume: 10 Issue: 3 , March

Page(s): 14 -18

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) **IEEE JNL**

125 Data mining: an overview from a database perspective

Ming-Syan Chen; Jiawei Han; Yu, P.S.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 8 Issue: 6 , D
1996

Page(s): 866 -883

[\[Abstract\]](#) [\[PDF Full-Text \(2352 KB\)\]](#) **IEEE JNL**

[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.5

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Quick Links

Review

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print FormatYour search matched **139** of **987604** documents.

A maximum of **139** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text. Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

126 Advances in feedforward neural networks: demystifying knowledge acquiring black boxes*Looney, C.G.;*

Knowledge and Data Engineering, IEEE Transactions on , Volume: 8 Issue: 2 , A 1996

Page(s): 211 -226

[\[Abstract\]](#) [\[PDF Full-Text \(1420 KB\)\]](#) **IEEE JNL**

127 Design rationale systems: understanding the issues*Lee, J.;*

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 12 Issue: 3 , May-Ju

Page(s): 78 -85

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE JNL**

128 The "what" and "how" of learning in des
Duffy, A.H.B.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 12 Issue: 3 , May-Ju

Page(s): 71 -76

[\[Abstract\]](#) [\[PDF Full-Text \(56 KB\)\]](#) **IEEE JNL**

129 Evolutionary computation: comments on the history and current stat
Back, T.; Hammel, U.; Schwefel, H.-P.;

Evolutionary Computation, IEEE Transactions on , Volume: 1 Issue: 1 , April 199
Page(s): 3 -17

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE JNL**

130 Case-based reasoning in design

Maher, M.L.; Gomez de Silva Garza, A.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 12 Issue: 2 , March-A
1997

Page(s): 34 -41

[\[Abstract\]](#) [\[PDF Full-Text \(108 KB\)\]](#) **IEEE JNL**

131 Constructive algorithms for structure learning in feedforward neural networks for regression problems

Tin-Yau Kwok; Dit-Yan Yeung;

Neural Networks, IEEE Transactions on , Volume: 8 Issue: 3 , May 1997

Page(s): 630 -645

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) **IEEE JNL**

132 Learning pattern classification-a survey

Kulkarni, S.R.; Lugosi, G.; Venkatesh, S.S.;

Information Theory, IEEE Transactions on , Volume: 44 Issue: 6 , Oct. 1998

Page(s): 2178 -2206

[\[Abstract\]](#) [\[PDF Full-Text \(844 KB\)\]](#) **IEEE JNL**

133 Neural networks for classification: a survey

Zhang, G.P.;

Systems, Man and Cybernetics, Part C, IEEE Transactions on , Volume: 30 Issue
Nov. 2000

Page(s): 451 -462

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) **IEEE JNL**

134 Neuro-fuzzy rule generation: survey in soft computing framework

Mitra, S.; Hayashi, Y.;

Neural Networks, IEEE Transactions on , Volume: 11 Issue: 3 , May 2000

Page(s): 748 -768

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEEE JNL**

135 The fusion of computationally intelligent methodologies and sliding-control-a survey

Kaynak, O.; Erbatur, K.; Ertugrul, M.;

Industrial Electronics, IEEE Transactions on , Volume: 48 Issue: 1 , Feb. 2001

Page(s): 4 -17

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE JNL**

136 Mining open answers in questionnaire data

Yamanishi, K.; Hang Li;

Intelligent Systems, IEEE [see also IEEE Expert] , Volume: 17 Issue: 5 , Sept.-O 2002

Page(s): 58 -63

[\[Abstract\]](#) [\[PDF Full-Text \(465 KB\)\]](#) **IEEE JNL**

137 Data mining in soft computing framework: a survey

Mitra, S.; Pal, S.K.; Mitra, P.;

Neural Networks, IEEE Transactions on , Volume: 13 Issue: 1 , Jan. 2002

Page(s): 3 -14

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE JNL**

138 Application of AI tools in fault diagnosis of electrical machines and drives-an overview

Awadallah, M.A.; Morcos, M.M.;

Energy Conversion, IEEE Transactions on , Volume: 18 Issue: 2 , June 2003

Page(s): 245 -251

[\[Abstract\]](#) [\[PDF Full-Text \(297 KB\)\]](#) **IEEE JNL**

139 Learning possibilistic graphical models from data

Borgelt, C.; Kruse, R.;

Fuzzy Systems, IEEE Transactions on , Volume: 11 Issue: 2 , April 2003

Page(s): 159 -172

[\[Abstract\]](#) [\[PDF Full-Text \(766 KB\)\]](#) **IEEE JNL**

[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)



Subscribe Register Login
(Full Service) (Limited Service, Free)

Search: ☒ The ACM Digital Library ☐ The Guide

survey and "artificial intelligence" and ergonomic

THE ACM DIGITAL LIBRARY

Fe

Terms used survey and artificial intelligence and ergonomic

Sort results
by

relevance

☒ Save results to a Binder

☒ Search Tips

☐ Open results in a new window

T
T

Display results

expanded form

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9

Best 200 shown

1 A framework for choosing a database query language

Matthias Jarke, Yannis Vassiliou

September 1985

ACM Computing Surveys (CSUR), Volume 17 Issue 3

Full text available: pdf(2.71 MB)

Additional Information: full citation, abstract, references,

This paper presents a systematic approach to matching categories of query language to certain user types. The method is based on a trend model of query language functional capabilities and usability. From the trend model the following are derived: languages, a criterion hierarchy for query language evaluation, a comprehensive set of users and their requirements ...

2 Mapping the discourse of HCI researchers with citation analysis

Thomas W. Dillon

October 1995

ACM SIGCHI Bulletin, Volume 27 Issue 4

Full text available: pdf(737.26 KB)

Additional Information: full citation, abstract

This paper observes the development of human-computer interaction as a result of a citation analysis of three volumes of three journals, the field of human-computer interaction from a supporting base of four fields: computer science, information systems, ergonomics. Results of this analysis support the proposition that human-computer interaction is a field of study.

3 Intelligent user interfaces

William E. Hefley, Dianne Murray

February 1993

Proceedings of the 1st international conference on Intelligent us

Full text available:  pdf(777.77 KB)

Additional Information: full citation, references, citings


Keywords: adaptive intelligent interface systems, intelligent interfaces, intelli management systems, user models

4 High level knowledge sources in usable speech recognition systems

S. L. Young, A. G. Hauptmann, W. H. Ward, E. T. Smith, P. Werner

February 1989

Communications of the ACM, Volume 32 Issue 2

Full text available:  pdf(1.62 MB)

Additional Information: full citation, abstract, references,

The authors detail an integrated system which combines natural language pro context of a problem solving dialogue. The MINDS system uses a variety of pr generate expectations of what a user is likely to say.

5 The relationship between business and higher education: a perspective on

John Sculley

September 1989

Communications of the ACM, Volume 32 Issue 9

Full text available:  pdf(1.20 MB)

Additional Information: full citation, abstract, index

Apple's Chairman of the Board discusses the future of three core technologies artificial intelligence—and the role each will play in education. The follo of teachers almost two years ago. Its message, however, is as timely and insp era.

6 Document Formatting Systems: Survey, Concepts, and Issues

Richard Furuta, Jeffrey Scofield, Alan Shaw

September 1982

ACM Computing Surveys (CSUR), Volume 14 Issue 3

Full text available:  pdf(5.36 MB) Additional Information: full citation, references, citings, index terms

7 Is North American IS research different from European IS research?

J. Roberto Evaristo, Elena Karahanna

June 1997

ACM SIGMIS Database, Volume 28 Issue 3

Full text available:  pdf(1.02 MB)

Additional Information: full citation, abstract,

Diversity, whether in terms of research methodologies or reference disciplines. If, on the other hand, this diversity inhibits the sharing of research and know intellectual heritages, loss of synergy and research opportunities for both com similarities and differences between North American and European research in methodologies by a ...

Keywords: MIS research, documentation, measurement, standardization

8 Behavioral Aspects of Text Editors

David W. Embley, George Nagy

January 1981 ACM Computing Surveys (CSUR), Volume 13 Issue 1

Full text available:  pdf(3.44 MB) Additional Information: full citation, references, citings

9 The adaptable user interface

Eliezer Kantorowitz, Oded Sudarsky

November 1989

Communications of the ACM, Volume 32 Issue 11

Full text available:  pdf(787.32 KB)

Additional Information: full citation, abstract, references, c

A single adaptable user interface (AUI) which allows the user to switch betwe at any time—even in the middle of a command—can be useful t beginners nor experts. It can also be used in applications where different dial parameters of a single command. An implemented user interface managemen of AUIs and their automatic gener ...

10 A comparative study of moded and modeless text editing by experienced e

Merle F. Poller, Susan K. Garter

December 1983

Proceedings of the SIGCHI conference on Human Factors in Co

Full text available:  pdf(515.21 KB)

Additional Information: full citation, abstract, referen

As interactive text editing systems become more and more pervasive on the j necessity for good human engineering in the design of such interactive system issue we are concerned with in this paper is not that of modes in general, but editors should handle text insertions. In this context, moded editing means th command before text i ...

11 Practical performance of Bloom filters and parallel free-text searching

M. V. Ramakrishna

October 1989

Communications of the ACM, Volume 32 Issue 10

Full text available:  pdf(336.53 KB)

Additional Information: full citation, abstract, references, c

Bloom filter technique of hashing finds several applications, such as in efficient storage of dictionaries, and parallel free-text searching. The performance to the filter error rate is the focus of this article.

12 A survey of research on context-aware homes

Sven Meyer, Andry Rakotonirainy

January 2003 Proceedings of the Australasian information security workshop conference

Full text available:  pdf(219.36 KB)

Additional Information: full citation, abstract, refer

The seamless integration of people, devices and computation will soon become wireless networks and ubiquitous devices powered by intelligent computation which people will live. Despite showing great promise, research into future computing from the needs of users. The nature of such future systems is often too obstructive. Furthermore, most research on ...

Keywords: environments, pervasive, privacy, smart context-aware homes, smart user-experience

13 Accessible interfaces: Planning, reasoning, and agents for non-visual navigation

Enrico Pontelli, Tran Cao Son






July 2002 Proceedings of the fifth international ACM conference on Assistive technologies

Full text available:  pdf(865.19 KB)

Additional Information: full citation, abstract, refer

In this paper we demonstrate how the DSL for Table navigation [16] can be redefined in *theory* [8]. We also show how this generalization provides the ability to carry out navigation allowing the user to describe the objective of his/her navigation as a goal and develop (part of) the navigation process; and (ii) allowing the semantic description ...

Keywords: agents, domain specific language, semantics navigation

- 14 Augmented reality / 3D modeling: A framework for rapid evaluation of protc**
Selim Balcişoy, Marcelo Kallmann, Pascal Fua, Daniel Thalmann
October 2000 Proceedings of the ACM symposium on Virtual reality software a
Full text available:  pdf(1.80 MB) Additional Information: full citation, abstract, refer
- In this paper we present a new framework in Augmented Reality context for r
manufacture. The design of such prototypes is a time consuming process, lea
realistic interactive environments. We have extended the definition of modell
behaviour being able to evaluate them in a mixed environment. Such enhanc
methods to test object behaviour, a ...
- Keywords: Augmented Reality, Human Factors, Object Behaviour, Prototyping
- 15 IS '97: model curriculum and guidelines for undergraduate degree program**
Gordon B. Davis, John T. Gorgone, J. Daniel Cougar, David L. Feinstein, Herbert
December 1997 ACM SIGMIS Database , Guidelines for undergraduate degree prog
for undergraduate degree programs in information systems, Volum
Full text available:  pdf(7.24 MB) Additional Information: full citati
- 16 Human-Computer Interaction in the Control of Dynamic Systems**
William B. Rouse
January 1981 ACM Computing Surveys (CSUR), Volume 13 Issue 1
Full text available:  pdf(2.77 MB) Additional Information: full citation, references, citings
- 17 Human-computer interface development: concepts and systems for its mar**
H. Rex Hartson, Deborah Hix
March 1989 ACM Computing Surveys (CSUR), Volume 21 Issue 1
Full text available:  pdf(7.97 MB) Additional Information: full citation, abstract, references, citin
- Human-computer interface management*, from a computer science viewpoint,
quality human-computer interfaces, including their representation, design, im
maintenance. This survey presents important concepts of interface managem
modeling, representation, interactive tools, rapid prototyping, development m
Dialogue independence is th ...
- 18 From ideas and arguments to hyperdocuments: travelling through activity s**
N. A. Streitz, J. Hannemann, M. Thüring
November 1989 Proceedings of the second annual ACM conference on Hypertext
Full text available:  pdf(1.98 MB) Additional Information: full citation, references, citings, index terms

19 Job and health implications of VDT use: initial results of the Wisconsin-NIC

Steven L. Sauter, Mark S. Gottlieb, Karen C. Jones, Vernon N. Dodson, Kathryn
April 1983 Communications of the ACM, Volume 26 Issue 4

Full text available:  pdf(1.09 MB)

Additional Information: full citation, abstract, references,

Magnitudes and correlates of stress were investigated among 248 office work counterparts using field survey and objective physical measurement technique. Increased eyestrain and reduced psychological disturbances among users, the on job-attitudinal, affective, and somatic manifestations of stress. However, a less favorably by VDT users. S ...

Keywords: ergonomics, health, human factors, occupational stress, office auto CRTS)

20 Interactive Editing Systems: Part II

Norman Meyrowitz, Andries van Dam

September 1982 ACM Computing Surveys (CSUR), Volume 14 Issue 3

Full text available:  pdf(9.17 MB) Additional Information: full citation, references, citings, index terms

Results 1 - 20 of 200

Result page: **1** 2 3 4 5 6 7

The ACM Portal is published by the Association for Computing Machinery

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Co](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows M



Subscribe Register Login
(Full Service) (Limited Service, Free)

Search: ☒ The ACM Digital Library ☐ The Guide

survey and "artificial intelligence" and ergonomic

THE ACM DIGITAL LIBRARY

Fe

Terms used survey and artificial intelligence and ergonomic

Sort results
by

relevance

☒ Save results to a Binder

☒ Search Tips

☐ Open results in a new window

T
T

Display results

expanded form

Results 21 - 40 of 200

Result page: previous 1 2 3 4 5 6 7

Best 200 shown

21 Strategic directions in human-computer interaction

Brad Myers, Jim Hollan, Isabel Cruz, Steve Bryson, Dick Bulterman, Tiziana Cata
Jonathan Grudin, Yannis Ioannidis

December 1996

ACM Computing Surveys (CSUR), Volume 28 Issue 4

Full text available: pdf(248.95 KB)

Additional Information: full citation, references, citings

22 Automating the design of graphical presentations of relational information

Jock Mackinlay

April 1986

ACM Transactions on Graphics (TOG), Volume 5 Issue 2

Full text available: pdf(2.45 MB)

Additional Information: full citation, abstract, references,

The goal of the research described in this paper is to develop an application-in automatically designs effective graphical presentations (such as bar charts, sc relational information. Two problems are raised by this goal: The codification be used by the presentation tool, and the generation of a wide variety of desi accommodate a wide varie ...

23 Automated knowledge acquisition for instructional text generation

Cécile Paris, Keith Vander Linden, Shijian Lu

October 2002 Proceedings of the 20th annual international conference on Comp

Full text available:  pdf(507.76 KB)

Additional Information: full citation, abstract, refer

Language generation systems have often been advocated for use in the gener practice, it is hard to use them because of the amount of knowledge they req source of input, the knowledge acquisition bottleneck will prevent generation Unfortunately, knowledge acquisition for any domain-varying language gener seldom any single knowledge source or ...

Keywords: instructional text, knowledge acquisition, language generation

24 A brief history of human-computer interaction technology

Brad A. Myers

March 1998

interactions, Volume 5 Issue 2

Full text available:  pdf(276.17 KB) Additional Information: full citation, references, citings, index terms, review

25 Fifteen years of psychology in software engineering: Individual differences

Bill Curtis

March 1984

Proceedings of the 7th international conference on Software eng

Full text available:  pdf(943.22 KB)

Additional Information: full citation, abstract, reference

Since the 1950's, psychologists have studied the behavioral aspects of softwa their research have never been organized into a subfield of either software en results from the difficulty of integrating theory and data from the mixture of p paper will review some of the psychological research on software engineering in 1968. This review will ...

26 Guest Editor's Introduction: An Applied Psychology of the User

Thomas P. Moran

January 1981

ACM Computing Surveys (CSUR), Volume 13 Issue 1

Full text available:  pdf(1.05 MB) Additional Information: full citation, references, citings

27 Annotator: an AI approach to engineering drawing annotation

Barbara J. Vivier, Melvin K. Simmons, Sharon A. Masline

June 1988 Proceedings of the first international conference on Industrial and engineering and expert systems - Volume 1

Full text available:  pdf(655.14 KB)


Additional Information: full citation, abstract, refer

Annotator is a prototype to investigate the application of AI techniques to the particular, Annotator addresses drawings of piping systems such as those for facilities. The isometric representation of the piping system is selected because in plant design. Knowledge contained in hierarchies represents the CAD model and features of the d ...

28 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 Proceedings of the 1997 conference of the Centre for Advanced S

Full text available:  pdf(4.21 MB)


Additional Information: full citation, abstract, referen

Understanding distributed applications is a tedious and difficult task. Visualization often used to obtain a better understanding of the execution of the application event tracer developed at the University of Waterloo. However, these diagrams provide the user with the desired overview of the application. In our experience of non-trivial commun ...

29 Task-analytic approach to the automated design of graphic presentations

Stephen M. Casner

April 1991 ACM Transactions on Graphics (TOG), Volume 10 Issue 2

Full text available:  pdf(2.58 MB)

Additional Information: full citation, abstract, references, citi

BOZ is an automated graphic design and presentation tool that designs graphics which a graphic is intended to support. When designing a graphic, BOZ aims to expedite human performance of information-processing tasks: (1) allowing us inferences in place of more demanding logical inferences, and (2) streamlining BOZ analyzes a logical descripti ...

Keywords: automated design, graphic design, graphic user interface, task ana

30 Historical perspectives on the computing curriculum (report of the ITiCSE '91 perspectives in computing education)

Michael Goldweber, John Impagliazzo, Iouri A. Bogoiavlenski, A. G. Clear, Gordon Richard Rasala

June 1997 The supplemental proceedings of the conference on Integrating technology working group reports and supplemental proceedings

Full text available:  pdf(110.51 KB)

Additional Information: full citation, referenc

31 Historical perspectives on the computing curriculum

Michael Goldweber, John Impagliazzo, Iouri A. Bogoiavlenski, A. G. Clear, Gordo Richard Rasala

October 1997

ACM SIGCUE Outlook, Volume 25 Issue 4

Full text available:  pdf(110.51 KB)

Additional Information: full citation, references, citing

32 Display Devices: Balance NAVE: a virtual reality facility for research and re
Jeffrey Jacobson, Mark S. Redfern, Joseph M. Furman, Susan L. Whitney, Patrick Hodges

November 2001

Proceedings of the ACM symposium on Virtual reality software

Full text available:  pdf(374.07 KB)

Additional Information: full citation, abstract, refe

We are currently developing an immersive virtual environment display for res disorders, called the Balance NAVE (BNAVE). Using this system, the therapist conflict and congruence in persons with balance disorders. With the capability needs of the therapist, the BNAVE is a promising tool for rehabilitation. The s projectors, and three rear-pro ...

33 Section 02: perspectives: The enigmatics of affect

Phoebe Sengers, Rainer Liesendahi, Werner Magar, Christoph Seibert, Boris Müll Mårtensson, Kristina Höök

June 2002 Proceedings of the conference on Designing interactive systems: proce

Full text available:  pdf(2.70 MB)

Additional Information: full citation, abstract, referen

Affective computation generally focuses on the informatics of affect: structur as informational units. We propose instead an enigmatics of affect, a critical t undefinable complexities of human affective experience. Our interactive insta users to explore a dynamic landscape of emotionally expressive sound and ch input device t ...

Keywords: affective computation, affective interaction, agent architecture, be interaction design, interactive installations, interactive sound, tangible interfa

34 How do people organize their desks?: Implications for the design of office i

Thomas W. Malone

January 1983

ACM Transactions on Information Systems (TOIS), Volume 1 Issu

Full text available:  pdf(748.14 KB)

Additional Information: full citation, references, citings, index

35 Pilots of the future: human or computer?

Alan B. Chambers, David C. Nagel

November 1985

Communications of the ACM, Volume 28 Issue 11

Full text available:  pdf(3.30 MB)

Additional Information: full citation, abstract, references, c

As more and more automation is incorporated in aircraft, the essential question is whether automated systems can serve as the human pilot's assistant, or vice versa?

36 Web accessibility: Navigation of HTML tables, frames, and XML fragments

E. Pontelli, D. Gillan, W. Xiong, E. Saad, G. Gupta, A. I. Karshmer

July 2002

Proceedings of the fifth international ACM conference on Assistive technologies

Full text available:  pdf(917.53 KB)

Additional Information: full citation, abstract, references

In this paper, we provide a progress report on the development of technology for navigating complex HTML and XML structures.

Keywords: Web Accessibility, visually impaired users

37 Evaluating a content based image retrieval system

Sharon McDonald, Ting-Sheng Lai, John Tait

September 2001 Proceedings of the 24th annual international ACM SIGIR conference on Information retrieval

Full text available:  pdf(301.72 KB)

Additional Information: full citation, abstract, references

Content Based Image Retrieval (CBIR) presents special challenges in terms of how end systems are evaluated. This paper discusses the design of a CBIR system, an indexing key, and a user centered evaluation of the system's visual search tool to make use of a range of visual search tools, and that different tools are used. The results ...

Keywords: colour based indexing, content based image retrieval, general image

38 Design implications of a task-driven approach to unstructured cognitive tasks

Sidney E. Harris, Harvey J. Brightman

July 1985

ACM Transactions on Information Systems (TOIS), Volume 3 Issue 4

Full text available:  pdf(1.16 MB)

Additional Information: full citation, abstract, references, c


Previous research in modeling office activities has been primarily oriented toward how they are organized. In this paper we report on efforts to develop a new methodology for the Critical Task Method to identify the "bottleneck" cognitive tasks and their profile. Data were collected on the computer-support needs of faculty researchers and knowledge-based systems ...

39 Enriching buyers' experiences: the SmartClient approach

Pearl Pu, Boi Faltings

April 2000

Proceedings of the SIGCHI conference on Human factors in computi

Full text available:  pdf(3.82 MB)

Additional Information: full citation, abstract, references,

In electronic commerce, a satisfying buyer experience is a key new techniques for better adapting interaction with an electron behavior. Our model replaces the sequential separation of need brokering with a conversation in which both processes occur si supports the buyer in formulating his or her needs, and in deci selecting a product to buy. ...

Keywords: client-server architecture, constraint solver, eCommr systems, visual overview

40 Is paper safer? The role of paper flight strips in air traffic control

Wendy E. MacKay

December 1999

ACM Transactions on Computer-Human Interaction (TOCHI),

Full text available:  pdf(1.13 MB)

Additional Information: full citation, abstract, references, citin

Air traffic control is a complex, safety-critical activity, with well-established a attempts to automate the existing system have failed because controllers rem paper flight strip. This article describes a four-month intensive study of a team understand their use of paper flight strips. The article also describes a compa in Franc ...

Keywords: activity theory, affordances, air traffic control, annotation, ethnogr awareness, safety factors

Results 21 - 40 of 200

Result page: previous 1 **2** 3

The ACM Portal is published by the Association for Computing Machinery

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Co](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows M



Subscribe Register

Login

(Full Service) (Limited Service, Free)

Search: ☒ The ACM Digital Library ☐ The Guide

survey and "artificial intelligence" and ergonomic

THE ACM DIGITAL LIBRARY

Fe

Terms used survey and artificial intelligence and ergonomic

Sort results
by

relevance ▼

Display results

expanded form ▼

Save results to a Binder

T

Search Tips

T

☐ Open results in a new window

Results 41 - 60 of 200

Result page: previous 1 2 **3** 4 5 6 7

Best 200 shown

41 Precision requirements for digital color reproduction

Mike Stokes, Mark D. Fairchild, Roy S. Berns

October 1992

ACM Transactions on Graphics (TOG), Volume 11 Issue 4

Full text available: pdf(4.81 MB)

Additional Information: full citation, abstract, references,

An environment was established to perform device-independent color reproduction to determine the required precision for this environment, an experiment was colorimetric tolerances for six images using paired comparison techniques. The linear and nonlinear functions in the CIELAB dimensions of lightness, chroma, were determined using probi ...

Keywords: color, color correction, color reproduction, color science, image science

42 Using GOMS for user interface design and evaluation: which technique?

Bonnie E. John, David E. Kieras

December 1996

ACM Transactions on Computer-Human Interaction (TOCHI),

Full text available:  pdf(272.60 KB)

Additional Information: full citation, abstract, references, ci

Since the seminal book, The Psychology of Human-Computer Interaction, the widely known theoretical concepts in human-computer interaction. This conce and extend the original work and has been used in real-world design and eva the previous work on GOMS to provide an integrated view of GOMS models an briefly describe the majo ...


Keywords: GOMS, cognitive modeling, usability engineering

43 GLEAN: a computer-based tool for rapid GOMS model usability evaluation

David E. Kieras, Scott D. Wood, Kasem Abotel, Anthony Hornof

December 1995

Proceedings of the 8th annual ACM symposium on User interface

Full text available:  pdf(1.15 MB)

Additional Information: full citation, references, citings, in

Keywords: GOMS models, software and technology, usability, usability evalua

44 Session 5: novel interaction: MAUI: a multimodal affective user interface

Christine L. Lisetti, Fatma Nasoz

December 2002

Proceedings of the tenth ACM international conference on M

Full text available:  pdf(377.18 KB)

Additional Information: full citation, abstract, re

Human intelligence is being increasingly redefined to include the all-encompa be considered 'pure reason'. With the recent progress of research in computer bio-feedback, real-time recognition of affect will enhance human-computer in further progress in the development of new emotion theories. In this article, w closely interact with co ...

Keywords: affect recognition, emotions, intelligent interfaces, interface agent

45 Task force report and recommendations

January 2000 ACM SIGMIS Database, Volume 31 Issue 1

Full text available:  pdf(4.42 MB) Additional Information: full citation, index terms

- 46 Designing meeting support systems in a user-centered manner: the case o**
Petri Maaranen, Kalle Lyytinen
August 1995 Proceedings of conference on Organizational computing system

Full text available:  pdf(1.14 MB)

Additional Information: full citation, abstract, referen

Multilateral diplomacy faces pressures to improve the efficiency of its operatio
diplomacy they form one promising target in productivity improvements. Dipl
maneuvering and embedded with pervasive diplomatic rituals and protocols w
form of successful technology interventions. In this paper we describe a meet
Prototype Sys ...

- 47 Digital sociability: Designing social presence of social actors in human corr**
Kwan Min Lee, Clifford Nass
April 2003 Proceedings of the conference on Human factors in computing sys

Full text available:  pdf(295.50 KB)

Additional Information: full citation, abstract, refere

This study examines the interaction effect between user factors and media fa
are critical in the design of virtual reality systems and human computer interf
show that matching synthesized voice personality to user personality positive
users') feelings of social presence. Experiment 2 also reveals that users feel a
the personality of synth ...

Keywords: computers are social actors, consistency-attraction, media equatio
presence, telepresence

- 48 Performance systems technology (PST) and computer-based instruction (C**
the 21st century, part I

Gloria A. Reece

August 1997 ACM SIGDOC Asterisk Journal of Computer Documentation, Volu

Full text available:  pdf(950.61 KB)

Additional Information: full citation, i

- 49 Human values and the future of technology: a declaration of empowerment**
Ben Shneiderman
August 1990 ACM SIGCAS Computers and Society , Proceedings of the conference
Volume 20 Issue 3

Full text available:  pdf(720.46 KB)

Additional Information: full citation, references, c

50 New techniques for presenting instructions and transcripts: Comparative of object assembly

Arthur Tang, Charles Owen, Frank Biocca, Weimin Mou

April 2003

Proceedings of the conference on Human factors in computing sys

Full text available:  pdf(237.22 KB)

Additional Information: full citation, abstract, refere

Although there has been much speculation about the potential of Augmented studies about its effectiveness. This paper describes an experiment that teste instructions in an assembly task. Task information was displayed in user's fiel workspace as 3D objects to explicitly demonstrate the exact execution of a pr were compared with the AR system: a prin ...

Keywords: augmented reality, computer assisted instruction, human compute

51 Two-handed virtual manipulation

Ken Hinckley, Randy Pausch, Dennis Proffitt, Neal F. Kassell

September 1998

ACM Transactions on Computer-Human Interaction (TOCHI),

Full text available:  pdf(1.32 MB)

Additional Information: full citation, abstract, references,

We discuss a two-handed user interface designed to support three-dimesional system is a “point design,” an example of an advanced user inte that in order to understand why interaction techniques do or do not work, and techniques, it is important to move beyond point design and to introduce care behavioral principles. In particula ...


Keywords: bimanual asymmetry, haptic input, input devices, three-dimension virtual manipulation

52 From documents to discourse: shifting conceptions of scholarly publishing

Tamara Sumner, Simon Buckingham Shum

January 1998

Proceedings of the SIGCHI conference on Human factors in comp

Full text available:  pdf(1.15 MB)

Additional Information: full citation, references, citings

Keywords: World Wide Web, argumentation, digital documents, discourse, ele publishing, socio-technical design

53 Developing domain knowledge through the reuse of project experiences

Scott Henninger

August 1995 ACM SIGSOFT Software Engineering Notes , Proceedings of the 1995
Volume 20 Issue SI

Full text available:  pdf(1.27 MB)

Additional Information: full citation, abstract, referen

Software development is no longer a homogenous field. Software is being dev applications and user populations, each with different characteristics and deve researchers and practitioners have begun to realize the importance of identify and special development needs of application domains. This paper presents a knowledge about application d ...

54 Adaptive interaction with knowledge-based systems

F. de Rosis, M. T. Cozza, B. de Carolis, S. Errore, S. Pizzutilo, I. de Zegher

June 1994 Proceedings of the workshop on Advanced visual interfaces

Full text available:  pdf(725.08 KB)

Additional Information: full citation, references, index terms

55 Journals and periodicals on computers, ethics & society

Herman T. Tavani

June 1997 ACM SIGCAS Computers and Society, Volume 27 Issue 2

Full text available:  pdf(948.41 KB)


Additional Information: full citation, citings, index terms

56 Explanation-based learning: a survey of programs and perspectives

Thomas Ellman

June 1989

ACM Computing Surveys (CSUR), Volume 21 Issue 2

Full text available:  pdf(6.15 MB)

Additional Information: full citation, abstract, references,

Explanation-based learning (EBL) is a technique by which an intelligent syste systems are characterized by the ability to create justified generalizations fro distinguished by their reliance on background knowledge of the domain under method for performing generalization, it can be viewed in other ways as well. that performs fo ...

57 Research in music and artificial intelligence

Curtis Roads

June 1985

ACM Computing Surveys (CSUR), Volume 17 Issue 2

Full text available:  pdf(2.72 MB)

Additional Information: full citation, abstract, references, citin


Although the boundaries of artificial intelligence (AI) remain elusive, compute were formerly associated exclusively with naturally intelligent musicians. Afte on the need for AI techniques in four areas of musical research: composition, sound processing. The next part surveys recent work involving AI and music. applications in the four areas o ...

58 Unification: a multidisciplinary survey

Kevin Knight

March 1989

ACM Computing Surveys (CSUR), Volume 21 Issue 1

Full text available:  pdf(2.90 MB)

Additional Information: full citation, abstract, references, citin

The unification problem and several variants are presented. Various algorithm Research on unification arising in several areas of computer science is survey logic programming, and natural language processing. Sections of the paper in uses of unification and the special problems encountered. Other topics cover occur check, infinite term ...

59 HCI at New Mexico State University

Douglas J. Gillan

May 1995 Conference companion on Human factors in computing systems

Full text available:  pdf(256.25 KB)

Additional Information: full citation, references, index terms

60 The new (1982) Computing Reviews classification system—final ver

Jean E. Sammet, Anthony Ralston

January 1982

Communications of the ACM, Volume 25 Issue 1

Full text available:  pdf(731.04 KB)

Additional Information: full citation, citings, index terms

Results 41 - 60 of 200

Result page: previous 1 2 **3**

The ACM Portal is published by the Association for Computing Machinery

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Co](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows M



Subscribe Register Login
(Full Service) (Limited Service, Free)

Search: ☒ The ACM Digital Library ☐ The Guide

survey and "artificial intelligence" and ergonomic

THE ACM DIGITAL LIBRARY

Fe

Terms used survey and artificial intelligence and ergonomic

Sort results
by

relevance

☒ Save results to a Binder

T

☒ Search Tips

T

☐ Open results in a new window

Display results

expanded form

Results 61 - 80 of 200

Result page: previous 1 2 3 4 5 6 7

Best 200 shown

61 Systems, interactions, and macrotheory

Philip Barnard, Jon May, David Duke, David Duce

June 2000 ACM Transactions on Computer-Human Interaction (TOCHI), Volum

Full text available: pdf(1.60 MB)

Additional Information: full citation, abstract, references, citin

A significant proportion of early HCI research was guided by one very clear vi psychology and cognitive science could be developed to yield engineering too HCI design. While interface technologies and heuristic methods for behavioral capability and breadth of application, progress toward deeper theory has been unnecessary. A case ...

Keywords: cognitive models, computing system models, models of interaction

62 Software engineering across computing curricula

Thomas B. Hilburn, Susan Mengel, Donald J. Bagert, Dale Oexmann

August 1998 ACM SIGCSE Bulletin , Proceedings of the 6th annual conference on t
annual conference on Integrating technology into computer science e
computer science education, Volume 30 Issue 3Full text available:  pdf(591.10 KB)

Additional Information: full citation, abstract, reference

In this paper, we address issues that are pertinent to the improvement of sof
a key impediment to the development of new courses and curricula and the a
education is the lack of guidance and support for such development. In this p
"Guidelines for Software Education". We outline the content of such Guideline
the body of knowledge that is ...

Keywords: computing curricula, curriculum design, software engineering

63 The "growing up" of HyperBraille—an office workspace

Thomas Kieninger

November 1996 Proceedings of the 9th annual ACM symposium on User interface s

Full text available:  pdf(840.13 KB)

Additional Information: full citation, references, index te

Keywords: HTML editor, World Wide Web, blindness, document analysis, hype

64 Intelligent software technology for the new decade

Alexander S. Narin'yani

June 1991

Communications of the ACM, Volume 34 Issue 6

Full text available:  pdf(916.94 KB)

Additional Information: full citation, abstract, reference

Our collective has been working in the AI domain for more than 15 years. Dur
focused on two "classical" subjects: 1. natural language interfac
processing. From the early 1980s, in addition to working on the conceptual as
involved in developing advanced technology of intelligent systems. Participati
research and development [R&a ...

65 Procedure writing across domains: nuclear power plant procedures and coi

Douglas R. Wieringa, David K. Farkas

October 1991 Proceedings of the 9th annual international conference on Systems

Full text available:  pdf(852.26 KB)

Additional Information: full citation, references, index te

66 MSIS 2000: model curriculum and guidelines for graduate degree program

John Gorgone, Paul Gray
February 2000

Communications of the AIS

Full text available:  pdf(265.60 KB)

Additional Information: full citation, references

67 Industry briefs: Reactivity

David Crow, Maria Yang
March 2001 interactions, Volume 8 Issue 2

Full text available:  pdf(350.39 KB) Additional Information: full citation, index terms

68 An advanced traffic management system simulator for intelligent vehicle-hi

Richard M. Ingle, Bryan D. Williams, Nazemeh Sobhi
December 1994 Proceedings of the 26th conference on Winter simulation

Full text available:  pdf(492.81 KB)

Additional Information: full citation, references, index

69 Gross motion planning—a survey

Yong K. Hwang, Narendra Ahuja
September 1992 ACM Computing Surveys (CSUR), Volume 24 Issue 3

Full text available:  pdf(6.40 MB)

Additional Information: full citation, abstract, references, citin

Motion planning is one of the most important areas of robotics research. The has hindered the development of practical algorithms. This paper surveys the motion planners for point robots, rigid robots, and manipulators in stationary, movable-object environments. The general issues in motion planning are exp performances are briefly described, a ...

Keywords: collision detection, computational geometry, implementation, moti planning, spatial representation

70 Strategic directions in artificial intelligence

Jon Doyle, Thomas Dean
December 1996 ACM Computing Surveys (CSUR), Volume 28 Issue 4

Full text available:  pdf(243.02 KB) Additional Information: full citation, references, index terms

71 New Programming Languages for Artificial Intelligence Research

Daniel G. Bobrow, Bertram Raphael


September 1974 ACM Computing Surveys (CSUR), Volume 6 Issue 3

Full text available:  pdf(1.47 MB) Additional Information: full citation, references, citings, index terms

72 Parallel execution of prolog programs: a survey

Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermene

July 2001 ACM Transactions on Programming Languages and Systems (TOPLAS)

Full text available:  pdf(1.95 MB)

Additional Information: full citation, abstract, references, c


Since the early days of logic programming, researchers in the field realized the present in the execution of logic programs. Their high-level nature, the pre-referential transparency, among other characteristics, make logic programs in speedups through parallel execution. At the same time, the fact that the typical frequently involve irregular computation ...

Keywords: Automatic parallelization, constraint programming, logic programming

73 Automated cataloging and analysis of sky survey image databases: the SK

Usama M. Fayyad, Nicholas Weir, S. Djorgovski

December 1993 Proceedings of the second international conference on Information

Full text available:  pdf(1.31 MB)

Additional Information: full citation, references, index

74 Artificial intelligence and software engineering

D. Barstow

March 1987

Proceedings of the 9th international conference on Software Eng

Full text available:  pdf(1.24 MB)

Additional Information: full citation, abstract, references,

Software Engineering is a knowledge-intensive activity, requiring extensive knowledge of the target software itself. Many Software Engineering costs can be attributed to managing this knowledge, and Artificial Intelligence techniques can help a great deal. Decades of research have led to many significant theoretical results, but few due in part to ...

75 The economic approach to artificial intelligence

Michael P. Wellman

December 1996

ACM Computing Surveys (CSUR)


Full text available:  html(13.23 KB) Additional Information: full citation, references

76 Computer-music interfaces: a survey

Bruce W. Pennycook

June 1985

ACM Computing Surveys (CSUR), Volume 17 Issue 2

Full text available:  pdf(2.04 MB)

Additional Information: full citation, abstract, references, citin

This paper is a study of the unique problems posed by the use of computers b paper begins with a presentation of the basic concepts involved in the musica followed by a detailed discussion of three musical tasks: music manuscript pr composition, and real-time performance interaction. Fundamental design prin of several early computer mus ...

77 An updated survey of GA-based multiobjective optimization techniques

Carlos A. Coello

June 2000

ACM Computing Surveys (CSUR), Volume 32 Issue 2

Full text available:  pdf(250.77 KB)

Additional Information: full citation, abstract, reference

After using evolutionary techniques for single-objective optimization during m more than one objective in the fitness function has finally become a popular a new evolutionary-based approaches and variations of existing techniques hav literature. The purpose of this paper is to summarize and organize the inform emphasizing the importanc ...

Keywords: artificial intelligence, genetic algorithms, multicriteria optimization optimization

78 Logical models of argument

Carlos Iván Chesñevar, Ana Gabriela Maguitman, Ronald Prescott Loui

December 2000

ACM Computing Surveys (CSUR), Volume 32 Issue 4

Full text available:  pdf(387.16 KB)

Additional Information: full citation, abstract, references, c

Logical models of arguement formalize commonsense reasoning while taking survey discusses the main ideas that characterize different logical models of a a few features of a few main approaches to the modeling of argumentation. W from the mid-1980s, when argument systems emerged as an alternative to n logic, to the present, as argum ...

Keywords: argumentation, argumentative systems, defeasible argumentation

79 Complexity and expressive power of logic programming

Evgeny Dantsin, Thomas Eiter, Georg Gottlob, Andrei Voronkov

September 2001

ACM Computing Surveys (CSUR), Volume 33 Issue 3

Full text available:  pdf(552.99 KB)

Additional Information: full citation, abstract, reference

This article surveys various complexity and expressiveness results on different focus is on decidable forms of logic programming, in particular, propositional mention general logic programming with function symbols. Next to classical r Horn clause programs), more recent results on various important extensions o include logic programming wit ...


Keywords: Complexity, datalog, expressive power, logic programming, nonmo

80 Three-dimensional object recognition

Paul J. Besl, Ramesh C. Jain

March 1985

ACM Computing Surveys (CSUR), Volume 17 Issue 1

Full text available:  pdf(7.76 MB)

Additional Information: full citation, abstract, references, citin

A general-purpose computer vision system must be capable of recognizing thr proposes a precise definition of the 3-D object recognition problem, discusses problem, and reviews the relevant literature. Because range images (or depth instead of intensity images, techniques for obtaining, processing, and charact

Results 61 - 80 of 200

Result page: previous 1 2 3

The ACM Portal is published by the Association for Computing Machinery

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Co](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows M



Subscribe Register

Login

(Full Service) (Limited Service, Free)

Search: ☒ The ACM Digital Library ☐ The Guide

survey and "artificial intelligence" and ergonomic

THE ACM DIGITAL LIBRARY

Fe

Terms used survey and artificial intelligence and ergonomic

Sort results
by

relevance

☒ Save results to a Binder

T

☒ Search Tips

T

☐ Open results in a new window

Display results

expanded form

Results 81 - 100 of 200

Result page: previous 1 2 3 4 5 6

Best 200 shown

81 Natural language interfaces to databases: MIS impact, and a survey of the

Vijay Sethi

October 1986 Proceedings of the twenty-second annual computer personnel research conference

Full text available: pdf(1.06 MB)

Additional Information: full citation, abstract

The introduction of Artificial Intelligence (AI) tools and applications has led to their role in business (Reitman, 1984; International Management (1), 1984; However, there has been a limited discussion of NL processing in the Management besides a theoretical analysis of the implications of different language views (Lyytinen, 1985). Tho ...

82 Efficient reasoning

Russell Greiner, Christian Darken, N. Iwan Santoso

March 2001

ACM Computing Surveys (CSUR), Volume 33 Issue 1

Full text available: pdf(445.41 KB)

Additional Information: full citation, abstract, references,

Many tasks require "reasoning"—i.e., deriving conclusions from information—to solve their range of problems. An ideal reasoning system answers to every possible query, produce answers that are as specific as possible fact to be stored and any possible query to be asked, and be (time) Keywords: efficiency trade-offs, soundness/completeness/expressibility

83 Requirements interaction management

William N. Robinson, Suzanne D. Pawlowski, Vecheslav Volkov

June 2003

ACM Computing Surveys (CSUR), Volume 35 Issue 2

Full text available:  pdf(1.24 MB)

Additional Information: full citation, abstract, reference

Requirements interaction management (RIM) is the set of activities directed disposition of critical relationships among sets of requirements, which has been engineering. This survey looks at the evolution of supporting concepts and the issues-based framework for reviewing processes and products, and applies the state-of-the-art. Finally, it presents seven research ...

Keywords: KAOS, KATE, Oz, Requirements engineering, Telos, WinWin, analysis deficiency driven design, dependency analysis, distributed intentionality, intention (SCR), system architecture, system specification, viewpoints

84 Computational Approaches to Image Understanding

Michael Brady

January 1982

ACM Computing Surveys (CSUR), Volume 14 Issue 1

Full text available:  pdf(10.04 MB) Additional Information: full citation, references, citations, index terms**85 Survey of expert critiquing systems: practical and theoretical frontiers**

Barry G. Silverman

April 1992

Communications of the ACM, Volume 35 Issue 4

Full text available:  pdf(2.84 MB) Additional Information: full citation, references, citations, index terms

Keywords: critics, expert critiquing systems

86 Inductive Inference: Theory and Methods

Dana Angluin, Carl H. Smith

September 1983

ACM Computing Surveys (CSUR), Volume 15 Issue 3

Full text available:  pdf(2.51 MB) Additional Information: full citation, references, citations, index terms**87 Program Transformation Systems**

H. Partsch, R. Steinbrüggen

September 1983

ACM Computing Surveys (CSUR), Volume 15 Issue 3


Full text available:  pdf(3.00 MB) Additional Information: full citation, references, citations, index terms

88 Steady-state simulation of queueing processes: survey of problems and solutions

Krzysztof Pawlikowski

June 1990

ACM Computing Surveys (CSUR), Volume 22 Issue 2

Full text available:  pdf(4.75 MB)

Additional Information: full citation, abstract, references


For years computer-based stochastic simulation has been a commonly used tool for analyzing various systems. Unfortunately, the results of simulation studies quite often are presented without regard to their random nature and the need for proper statistical analysis. This paper discusses the main factors that can affect the accuracy of stochastic simulation. The steady-state ...

89 Control strategies for two-player games

Bruce Abramson

June 1989

ACM Computing Surveys (CSUR), Volume 21 Issue 2

Full text available:  pdf(2.59 MB)

Additional Information: full citation, abstract, references, citations


Computer games have been around for almost as long as computers. Most of them have been designed in a rather ad hoc manner because many of their basic components are not well understood. This paper discusses some deficiencies in the standard model of computer games, the many issues that a general theory must address are outlined. Most of the discussion is about control strategies, or sets of criteria for move selection. ...

90 Model-based recognition in robot vision

Roland T. Chin, Charles R. Dyer

March 1986

ACM Computing Surveys (CSUR), Volume 18 Issue 1

Full text available:  pdf(4.94 MB)

Additional Information: full citation, abstract, references, citations

This paper presents a comparative study and survey of model-based object recognition. The goal of these algorithms is to recognize the identity, position, and orientation of objects in one form this is commonly referred to as the "bin-picking" problem, in which objects are in a jumbled bin. The paper is organized according to 2-D, 2½-D, and 3-D object recognition basis for ...

91 A tutorial on default logics

Grigoris Antoniou

December 1999

ACM Computing Surveys (CSUR), Volume 31 Issue 4

Full text available:  pdf(199.54 KB)

Additional Information: full citation, abstract, references, citations

Default logic is one of the most prominent approaches to nonmonotonic reasoning. It has been used in many applications when faced with incomplete information about the problem at hand. This paper discusses application domains such as medical and legal reasoning. Several variants have been proposed either to overcome some perceived deficiencies of the original presentation, or to provide a tutorial. This paper provides a tutorial ...

Keywords: default logic, nonmonotonic reasoning, operational models

92 Logic and Databases: A Deductive Approach

Herve Gallaire, Jack Minker, Jean-Marie Nicolas

June 1984 ACM Computing Surveys (CSUR), Volume 16 Issue 2

Full text available:  pdf(2.51 MB) Additional Information: full citation, references, citings, index terms

93 A survey of Web metrics

Devanshu Dhyani, Wee Keong Ng, Sourav S. Bhowmick

December 2002 ACM Computing Surveys (CSUR), Volume 34 Issue 4

Full text available:  pdf(289.28 KB) Additional Information: full citation, abstract, refer

The unabated growth and increasing significance of the World Wide Web has improve its capacity for serving information more effectively. But at the hear about "quality" and "usefulness" of Web resources and services. This observa models that quantify various attributes of web sites. The science of measurin storage and retrieval or ...

Keywords: Information theoretic, PageRank, Web graph, Web metrics, Web p

94 Computational learning theory: survey and selected bibliography

Dana Angluin

July 1992 Proceedings of the twenty-fourth annual ACM symposium on Theory of

Full text available:  pdf(2.11 MB) Additional Information: full citation, references, citings, index terms, r

95 Reading text from computer screens

Carol Bergfeld Mills, Linda J. Weldon

December 1987 ACM Computing Surveys (CSUR), Volume 19 Issue 4

Full text available:  pdf(3.33 MB) Additional Information: full citation, abstract, references, cit


This paper reviews empirical studies concerning the readability of text from c the form and physical attributes of complex, realistic displays of text materia computer screen readability show that screens are less readable than paper. the readability of computer screens. The factors explored in this review are t the screen, the contras ...

96 The state of the art in automating usability evaluation of user interfaces

Melody Y. Ivory, Marti A Hearst

December 2001

ACM Computing Surveys (CSUR), Volume 33 Issue 4

Full text available:  pdf(2.31 MB)

Additional Information: full citation, abstract, references, cit

Usability evaluation is an increasingly important part of the user interface de can be expensive in terms of time and human resources, and automation is existing approaches. This article presents an extensive survey of usability ev new taxonomy that emphasizes the role of automation. The survey analyzes aspects of usability evaluation aut ...

Keywords: Graphical user interfaces, taxonomy, usability evaluation automa

97 Strategic directions in constraint programming

Pascal Van Hentenryck, Vijay Saraswat

December 1996

ACM Computing Surveys (CSUR), Volume 28 Issue 4


Full text available:  pdf(402.08 KB) Additional Information: full citation, references, citings, index terms

98 A survey of methods for recovering quadrics in triangle meshes

Sylvain Petitjean

June 2002

ACM Computing Surveys (CSUR), Volume 34 Issue 2

Full text available:  pdf(3.91 MB)

Additional Information: full citation, abstract, referen

In a variety of practical situations such as reverse engineering of boundary r objects, range data analysis, model-based recognition and algebraic surface shape of visible surfaces of a dense 3D point set. In particular, it is desirable known type wherever these are in reasonable agreement with the data. We a surfaces, that is, algebraic surfa ...

Keywords: Data fitting, geometry enhancement, local geometry estimation,

99 Semantic database modeling: survey, applications, and research issues

Richard Hull, Roger King

September 1987

ACM Computing Surveys (CSUR), Volume 19 Issue 3

Full text available:  pdf(5.42 MB)



Additional Information: full citation, abstract, references, cit

Most common database management systems represent information in a sim modeling provides richer data structuring capabilities for database applicatio articulated a number of constructs that provide mechanisms for representing data typically arising in commercial applications. In general terms, semantic representation (in artificial int ...

100 Computing curricula 2001

September 2001

Journal on Educational Resources in Computing (JERIC)

Full text available:  pdf(613.63 KB)  html(2.78 KB) Additional Information: full citation, references, citings,

Results 81 - 100 of 200

Result page: previous 1 2 3

The ACM Portal is published by the Association for Computing Machinery

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Co](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows M